

State if Report is sent on the Machinery of the Vessel..... yes.

State Type (Full Scantling, Complete Superstructure with or without Cango Openings) Intermediate between 18 and 688 State Type of Erections Flush Deck

CLASS + 100 A.I.

State if with freeboard } **Yes.**
as condition of Class }
FEET

Built at,.....Sunderland

Do. of space or spaces }
between Tonnage Dk. } ✓
and Upper Dk. }

Length from fore part of stem to after part of stern } L 421.87
post on summer L.W.L. See Sec. 3 (1a)

Launched 1.6.42 Yard No. 692

Total ✓

Breadth (greatest moulded) B 56.21

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 38.07

Builders *W^m Dorford & Lewis Ltd*

Gross Tonnage 7268.79

1st Longitudinal Number (L \times D).....= 15569

Owners Gowland Steamship Co Ltd

egister Tonnage 5041.39

2nd Numeral $L \times (B + D)$ = 39185

Managers Messrs. J. & B. Harrison Ltd.
(Where necessary to be entered in the Book)

Residence 66 Mark Lane London E. 16. 3.

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } 25.35
Sec. 3 (1d)..... }

Port of Registry.....London.

length 428.8

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 11.07

If surveyed while building, afloat, or in dry dock

readth 56.5

Do. Long Bridge to }
top of keel }

During Construction

Draught Moulded 27.24

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	31½ ✓		Bracket Floors, Frame	6 3½ 40 ✓	
" " from ½ length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	6 3½ 34 ✓	
" " in peaks	24 ✓		" " Vertical Struts	10 3½ 40 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44½ x 54 ✓	
Frame Amidships, Angle, [or]	13½ 4 54 ✓		" " top Angles	DOUBLE 3½ 3½ 48 ✓	
" " Extends up to.....	✓		" " bottom Angles.....	DOUBLE 5 5 50 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	ONE 38 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	40¾ x 54 ✓	
Depth of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	6 6 45 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 3½ 35 ✓		" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	6 6 45 ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft ¼ len. from stem.....	13½ x 42 CONTINUOUS.	
" " Third	✓		" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	20 x 42 10° ✓	
" " from ½ len. for'd. to 15% len. from Stem	13½ 4 60 ✓	3 A	Tank Side Brackets, height above base line at toe of Frame and thickness	70 x 46 ✓	
" " in Peaks, Angle, [or]	8 3½ 38 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 5¾ ✓		Breadth and thickness of Middle Line Strake...	78 x 50 ✓	+ 108 under
State if Frame Joggled.....	Yes. ✓		Thickness of remainder in Holds	44 ✓	108 under
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes. ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	Yes. ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	Yes. ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	8 3½ 35 ✓	
Floors, Depth and thickness at mid-line in Holds.....	✓		" " in way of Bridge, Angle, [or]	" 31½ ✓	
Height of Brackets at side above base line at toe of frame.....	✓		Spacing	9 3½ 38 ✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Second Deck, amidships, Angle, [or]	31½ ✓	
" " Through Plate or Intercostal Plate	✓		Spacing	-	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	-	
" " Flat Plate Keel Angles	✓		Spacing.....	-	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, [or]	-	
" " thickness of Intercostal Plate.....	✓		Spacing.....	-	
" " Angles	✓		Poop Deck, Angle, [or]	-	
DOUBLE BOTTOM.			Spacing.....	-	
Solid Floors, thickness and spacing	42 @ 94½ ✓		Bridge Deck, Angle, [or]	-	
" " Are Frame and Reversed Frame joggled?	Yes. ✓		Spacing.....	-	
Bracket Floors, breadth and thickness at middle line	33 x 42 ✓		Forecastle Deck, Angle, [or]	-	
" " breadth and thickness at margin plate.....	33 x 42 ✓		Spacing.....	-	

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *7 BH (6 to W dk, 6 to 2nd dk) 6 divisions and WT BH in green dks*

Extending to Upper Deck (Sec. 3 c) *Seven*

„ Deck next below *✓* *Openings in br dk BHs closed by riveted plates*

As per Rule *Seven* *see first rpt.*

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Roller	M.S.	$9\frac{3}{4} \times 2\frac{5}{8}$	Steel plates.
STERN FRAME {	Propeller Post	Fabricated as per approved plans.		
Rudder	"			
Speed of Vessel	11½ Knots			
RUDDER—Type	Ordinary			
" A × D.	440			
" Diam. of head	10½" ✓			
" Mainpiece at top pintle	Fabricated as per approved plans.			✓
" " heel				
" how constructed	Built			
" double or single plate	Double ✓			
" coupling, vertical or	Horizontal ✓			
" " horizontal				

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
	nos. 63, 81, 92.		26	5 3/4 x 30 L	30"	-	-
BULKHEAD	BULKH'D, Upper 'tween decks		28	6 3/4 x 30 L	30"	✓	✓
"	Second		27	5 3/4 x 34 L	30"	✓	✓
"	Third						
"	Holds		50-	26 1/2 x 3 1/2 x 45 L	28"	-	✓
	(in Hold)		48-32	9 x 3 1/2 x 38 L	24"		
			50-26	8 x 3 x 32			
			71-42-30	8 x 3 1/2 x 42	24		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....
Dorman Long; Skinningrove; Bowsett; Appleby; South Durham; Cargo Fleet;
Has the Steel been tested as required by the Rules? Yes.

ANCHORS.

HAWSERS AND WARPS.

Builder's Signature E. R. Fletcher

Committee's Minute
Character assigned
Lloyd's and
OL
note for S.R.L.
Write M
With freeboard
+ Lmb 9.42
2 SB-1200s
oil log 1 Ch +

The Surveyors are requested not to write on or

W272-0067(2/2)

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Lloyd's Register
Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The owners state it is their intention to fit at the first convenient opportunity, cargo battens in Holds and tween decks, and Hatch covers to second deck hatchways.

Sister vessel to same Builders No. 690 "AURISTAN". No. 685 "EMPIRE KNIGHT". No. 684 "EMPIRE DRUM".

Vessel placed in dry dock 12.9.42 bottom cleaned examined and painted.
Rudder examined.

PARTICULARS OF ELECTRIC WELDING (if employed) Fleet weld and Quasi—arc overhead electrodes.

Second deck stringer to shell; Deep and Peak tank girders; Rudder plates; Bullehead stiffener brackets to tank top. Hatch web mountings. Ventilator coverings to deck. Tank side gussets.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Lloyds A.C.P. Cruiser Stern.

Dist divisional W.T. Bulleheads fitted in tween decks.
Oil Engines D.F. Cargo battens not fitted.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	40.0.10	K.L.	4562	28.1.42
2nd "	39.2.19	K.L.	4557	28.1.42
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. **FLUSH DECK.**

Official No. **168314** Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length **442'-11"**
(Circ. 1611) (Circ. 1703)

No. and Material of Decks **TWO DECKS (STEEL)**

Parts of Bottom of Vessel coated with cement or approved composition **Nº 194 DOUBLE BOTTOM TANKS, COFFERDAMS & BILGES.**

Particulars of composition (if fitted) and of approval ☒

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	128.4	355	Fore peak tank,	24	134
Double bottom, under Engines and Boilers, FEED WATER	10.5	50	After peak tank,	18	155
Double bottom, if under Engines only,	23.6	84	Deep tank, aft,	-	-
Double bottom, if under Boilers only, COFFERDAMS.	5.2	-	Deep tank, forward, AMIDSHIPS.	28.8	1205
Double bottom, forward,	193.5	693	Other tanks, if fitted,		
Total length (if continuous) and Capacity.	356.2	1182	(If necessary furnish further information by sketch.)		

Order for Special Survey No. **6007**

Date **15.10.41**

Dates of Surveys held while building

19.12.41, 10.12.13, 17.18, 19.25, 26, 30, 31, Apr. 1, 2, 3, 7, 9, 10, 14, 15, 16, 21, 22, 24, 27, 29, 30.
May. 1, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, June 1, 2, 3, 5, 8, 9, 12, 15, 18
19.25, 29, July 2, 3, 16, 29, Aug. 4, 6, 7, 8, 9, 12, 13, 17, 19, 20, 21, 24, 25, 26, 27, 28, 31, Sep. 1, 8
10.11.13.17.

Total No. of Visits **85**